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20010092182 Research and Technology Organization, Systems Concepts and Integration Panel, Neuilly-sur-Seine, France
Logistics Test and Evaluation in Flight Test *Les Essais et l'Evaluation de la Logistique Lors des Essais en Vol, Volume 20*

Bourcier, Michael A., Air Force Flight Test Center, USA; August 2001, 102p; In English; CD-ROM contains full text document in PDF format; Original contains color illustrations

Report No.(s): RTO-AG-300-Vol-20; AC/323(SCI-010)TP/38-Vol-20; ISBN 92-837-1071-1; Copyright Waived; Avail: CASI; C01, CD-ROM; A06, Hardcopy; A02, Microfiche

The objective of this AGARDograph is to provide an introductory overview of logistics test and evaluation methods for supportability testing. This AGARDograph is an attempt to put into print the approach and techniques for a test team to execute logistics/supportability test and evaluation. To do so, the logistics/supportability test and evaluation process is subdivided into manageable functional areas and disciplines called Integrated Logistics Support (ILS) elements. The 10 ILS elements are: maintenance planning; manpower and personnel; support equipment; computer resources; facilities; packaging, handling, storage, and transportation; and design interface. Whether a program is a large one, like a new F-22 aircraft, or a small one, like a new 25K Loader, all logistics elements must be evaluated for applicability to the program. The only change between large and small programs is the depth of effort to be performed in each element. Examples will be provided to discuss the test and evaluation technique to each area and are adaptable to the reader's particular area of interest. This volume should complement the AG-300 Vol.13 on 'Reliability and Maintainability.'

Author

Logistics; Flight Tests; Support Systems; Evaluation